

09-28-01

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Express Mail Label No. ET029404205US Docket No.: END920010023US1

NEW UTILITY PATENT APPLICATION TRANSMITTAL**(Large Entity)***(Only for new nonprovisional applications under 37 CFR 1.53(b))*

Total Pages this Submission: 3

TO THE ASSISTANT COMMISSIONER FOR PATENTSBox Patent Application
Washington, D.C. 20231

Transmitted herewith for filing under 35 U.S.C. 111(a) and 37 C.F.R. 1.53(b) is a new utility patent application for an invention entitled:
SYSTEM AND METHOD FOR PROVIDING CHARACTER INTERACTIVE INPUT/OUTPUT
 and invented by: RICHARD G. HARTMANN, DANIEL L. KRISSELL, THOMAS E. MURPHY, JR., FRANCINE M. ORZEL, PAUL F. RIETH, JEFFREY S. STEVENS

ASSIGNEE NAME: International Business Machines Corporation
ASSIGNEE RESIDENCE: Armonk, New York

If a **CONTINUATION APPLICATION**, check the appropriate box and supply the requisite information:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application
 No.: _____

Enclosed are:

Application Elements

01. ☒ Filing fee as calculated and transmitted as described below
02. ☒ Specification having 34 pages and including the following:
 - a. ☒ Descriptive Title of the Invention
 - b. ☐ Cross References to Related Applications *(if applicable)*
 - c. ☐ Statement Regarding Federally-sponsored Research/Development *(if applicable)*
 - d. ☐ Reference to Microfiche Appendix *(if applicable)*
 - e. ☒ Background of the Invention
 - f. ☒ Brief Summary of the Invention
 - g. ☒ Brief Description of the Drawings *(if drawings filed)*
 - h. ☒ Detailed Description
 - i. ☒ Claim(s) as Classified Below
 - j. ☒ Abstract of the Disclosure
03. ☒ Drawing(s) when necessary as prescribed by 35 USC 113)
 - a. ☐ Formal
 - b. ☒ Informal

Number of sheets: 6

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Application Elements (Continued)

04. ☒ Oath or Declaration
- a. ☒ Newly executed (original or copy) ☐ Not executed
- b. ☐ Copy from a prior application (37 CFR 1.63(d)) *(for continuation/divisional application only)*
- c. ☒ With Power of Attorney ☐ Without Power of Attorney
05. ☐ Incorporation By Reference *(usable if box 4b is checked)*
- The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Item 4b, is considered as being part of the disclosure of accompanying application and is hereby incorporated by reference therein.
06. ☐ Computer Program in Microfiche *(Appendix)*
07. ☐ Nucleotide and/or Amino Acid Sequence Submission *(if applicable, all must be included)*
- a. ☐ Paper Copy
- b. ☐ Computer Readable Copy *(identical to computer copy)*
- c. ☐ Statement Verifying Identical Paper and Computer Readable Copy

Accompanying Application Parts

08. ☒ Assignment Papers *(cover sheet & document(s))*
09. ☐ 37 CFR 3.73(B) Statement *(when there is an assignee)*
10. ☐ English Translation Document *(if applicable)*
11. ☒ Information Disclosure Statement/PTO-1449 ☒ Copies of IDS citation
12. ☐ Preliminary Amendment
13. ☒ Acknowledgment postcard
14. ☒ Certificate of Mailing
- ☐ First Class ☒ Express Mail (Label No: ET029404205US)
15. ☐ Certified Copy of Priority Document(s) *(if foreign priority is claimed)*

NEW UTILITY PATENT APPLICATION TRANSMITTAL**(Large Entity)***(Only for new nonprovisional applications under 37 CFR 1.53(b))*

Total Pages this Submission:3

Accompanying Application Parts (Continued)

16. ☐ Additional Enclosures (*identify below*)
17. ☐ Pursuant to 35 U.S.C. 122(b)(2), Applicant hereby requests that this patent application not be published pursuant to 35 U.S.C. 122(b)(1). Applicant hereby certifies that the invention disclosed in this application has not and will not be the subject of an application filed in another country, or under a multilateral international agreement, that requires publication of applications 18 months after filing of the application.

Fee Calculation and Transmittal**CLAIMS AS FILED**

| For | # Filed | # Allowed | # Extra | Rate | Fee |
|--------------------------------------|---------|-----------|---------|-----------|------------|
| Total Claims | 28 | -20 | 8 | x \$18.00 | \$ 144.00 |
| Indep. Claims | 15 | - 3 | 12 | x \$80.00 | \$ 960.00 |
| Multiple Dependent Claims | _____ | | | | \$ |
| BASIC FEE | | | | | \$ 710.00 |
| Other FEE (<i>Specify purpose</i>) | | | | | \$ |
| TOTAL FILING FEE | | | | | \$1,814.00 |

- ☐ A check in the amount of \$ _____ to cover the filing fee is enclosed.
- ☒ The Commissioner is hereby authorized to charge and credit IBM Corporation Deposit Account No. 09-0457 as described below. A duplicate copy of this sheet is enclosed.
- ☒ Charge the amount of \$1,814.00 as filing fee.
- ☒ Credit any overpayment.
- ☒ Charge any additional filing fees as required under 37 C.F.R. 1.16 and 1.17.
- ☐ Charge the issue fee set in 37 C.F.R. 1.18 at the mailing of the Notice of Allowance, pursuant to 37 C.F.R. 1.311(b).

Dated:

21 Sep 2001


Signature

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cc:

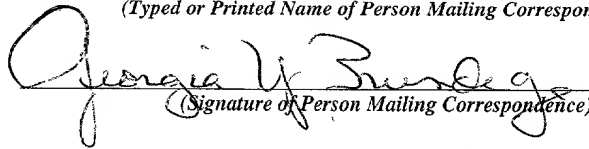
CERTIFICATE OF MAILING BY "EXPRESS MAIL" (37 CFR 1.10)Applicant(s): **R. G. Hartmann et al**

Docket No.

END920010023US1Serial No.
N/AFiling Date
HerewithExaminer
N/AGroup Art Unit
N/AInvention: **SYSTEM AND METHOD FOR MANAGING DENIAL OF SERVICE ATTACKS**I hereby certify that this **Patent Application, IDS and related papers.***(Identify type of correspondence)*

is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under
37 CFR 1.10 in an envelope addressed to: The Commissioner of Patents and Trademarks, Washington, D.C.

20231-0001 on **09/27/01**
(Date)

Georgia Y. Brundage*(Typed or Printed Name of Person Mailing Correspondence)*
*(Signature of Person Mailing Correspondence)***ET029404205US***("Express Mail" Mailing Label Number)***Note: Each paper must have its own certificate of mailing.**